### DRAFT—ADMINISTRATIVE USE ONLY

### **DEPLOYMENT**

STORM SURGE SENSOR
INSPECTION FORM

Ouick	Lookup#	

(one form per housing) INSPECTION FORM	Quick Lookup #
DATE: 6/19/13 STORM: COSE - Sand INSPECTORS: ACS MILLO	PRB
SITE INFORMATION  SITE NAME:LATITUDE (DD to 6 places  (Site Name Format: SSS-SS-COU-###, where SS = state, COU = county, ### = site number)	): 40,7257
SITE DESCRIPTION: FI Breach East LONGITUDE (DD to 6 place	es): -72.8964
STATE: NY COUNTY: SUFFOLK Landowner notified (circle one);	(Yes) No
SENSOR INFORMATION	
Sensor Type (circle one): (HOBO) TROLL Sensor Serial Number: 9800740	
Deployed As (circle one): (water level) barometric pressure wave	height
Deployment Time (GMT):1322 Facebook of Tapeter them the using National Control of Tapeter them the using National Control of Tapeter them to the using National Control of Tapeter them to the using National Control of Tapeter them to the using National Control of Tapeter them.	feei
Sensor Data Interval (circle one): -30 sec -2 sec Housing Correction Factor:	feet (nut to orifice
Sensor Logging Start Time (GMT) Sensor in Water (circle one): (YES)	NO
REFERENCE POINT INFORMATION SITE SKETCH	
RP # 1 Assumed RP elev. = 254 feet  TD from RP = feet  Weight length= feet Subtract total tapedown feet	199 a.
Assumed WS elevation = $^{\circ}$ 8 feet $=$ 72 RF 1 $>$ 0	Hon
Weight length   feet   Subtract total tapedown   feet   Assumed WS elevation	ovifice
Sensor Orifice Elevation =feet	
TD to channel bottom/beach = feet	
RP description: to of and one  Sid pier from  E edge -lock	
Other notes:	
VI label on housing?	
Pictures Taken (circle all that apply): Sensor Upstream Downstream Other Camera Owner:	
Barometric Pressure (BP) at same Site?(circle one): Yes No Reference BP Site Name:	
Departure Time: Called In at Time: Call-in Contact Initials:	

### DRAFT—ADMINISTRATIVE USE ONLY

## STORM SURGE SENSOR

(one form per housing)

**DEPLOYMENT** 

INSPECTION FORM

Oπ	ick	Lookun	#

DATE: 6/19/13 STORM: POST - Sandy INSPECTORS: MIN PER / AES	<u></u>
SITE INFORMATION  SITE NAME:  (Site Name Format: SSS-SS-COU-###, where SS = state, COU = county, ### = site number)	3
SITE DESCRIPTION: FI Breach Baro LONGITUDE (DD to 6 places): 12.866	25
STATE: COUNTY: Subject Landowner notified (circle one): Yes No	0
SENSOR INFORMATION	
Sensor Type (circle one): HOBO TROLL Sensor Serial Number:	4
RP#Assumed RP elev. =	
VI label on housing?	-
Pictures Taken (circle all that apply): Sensor Upstream Downstream Other Camera Owner: Aes	•
Barometric Pressure (BP) at same Site?(circle one): Yes No Reference BP Site Name:	
Departure Time: Called In at Time: Call-in Contact Initials:	

### DRAFT—ADMINISTRATIVE USE ONLY

# STORM SURGE SENSOR

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Owiek I ookun	#	
Quick Lookup	Ħ	

DELFOLMENT	DI ORM L	ONGE BENBON		
(one form per housing)	INSPECT	TON FORM		Quick Lookup #
DATE: 6/05/13 STOR	KM: Post Sande	INSPECTORS: 1. 140	iaferri J	. Costanza
· · · · · · · · · · · · · · · · · · ·	SITE INFO	RMATION		
SITE NAME:(Site Name Format: SSS-	SS-COU-###, where S	LATITUDE ( $SS = state, COU = county, ### = $	(DD to 6 places) = site number)	:40-7259
SITE DESCRIPTION: Fire	Ist wildernes	Breach West LONGITUDI	E (DD to 6 place	s): <u>-72.8968</u>
STATE: NY	COUNTY: CURGON	Landowner notified	d (circle one):	Yes No
	SENS	SOR INFORMATION		
Sensor Type (circle one): HOE	RO (TROLL) Sensor	r Serial Number: 1963(	03	
Deployed As (circle one):	water level)	barometric pressure	wave	height
Deployment Time (GMT):	+ Saus FC	Tapedown of Payeur from l	Pausing Non	flee
Sensor Data Interval (circle one	(omin	Housing Correction Factor:		feet (nut to orifice
Sensor Logging Start Time (GN		Sensor in Water (circle one):		NO
REFERENCE POINT INFO	RMATION	SITE SKI	ETCH	
RP#Assumed RP elev. = TD from RP =feet Weight length=feet Subtract total tapedown  Assumed WS elevation =	feet feet  feet  feet  feet  feet  feet  feet	J. 85  Not 3  A PIESIVE TENS  VI label on housing?		
Pictures Taken (circle all that ap				
Barometric Pressure (BP) at sai	werris )			
Departure Time:	Called In at Time: _	Call-in Contact In	nitials:	



November 2006

## U.S. GEOLOGICAL SURVEY CONTINUOUS WATER-QUALITY MONITOR FIELD FORM

							0		
Station No Station Name Wilderness Breach									
Station No Station Name Wilderness Breach  Monitor Inspected By T. Taglia Ferri Date 6/85/13 Watch Time Time Datum									
Gage Ht	(Risina.	Falling, Stea	adv. Peak	<ul> <li>Channel C</li> </ul>	onditions				
Monitor Make/Model Aqua Tro II 200 Monitor Serial No. 19 (e.3(e.3									
Field Meter I	Make/Model				Field I	Meter Seri	al No		— I
Weather col	d Cool Warm Hot R	ain Mist Sl <del>ee</del> l	Snow Hu	mid Dry Cloud	y Pt Cloudy Ove	rcast Clear	Windy Gusty Br	eeze Calm	
Comments:	To be de	مامسما	0 thu	. 1					
	10 the de	prodect	e ine	c portac	~				
			MON	ITOR FOULI	NG CHECKS				
				Befor	re Cleaning		After	· Cleaning	
				Time	e		Time	)	
				Recorded/	Field M	eter	Recorded/	Field M	eter
Dammeter				Live Monitor Reading	Readi	ng	Live Monitor Reading	Readi	ng
Parameter			-	Reading			rteading		
Temp (°C)						-			
pH (units)									
DO (mg/L)									
SC (µS/cm)									
Turbidity (	FNU NTU NTRU FNMU F	FNRU FAU FBU	AU )						
PARM CODE	Metho	d code							
Other									
Other	<del></del>								
Other			CALIB	RATION DE	RIFT CHECK	s			
Other			Reco	rded/Live	Fleid Mete		Field Meter	Fleid Me	ter
TEMPERATUI Calibration Crit	RE terla: ± 1 percent or ±		Recor Monito	rded/Live or Reading	Fleid Mete Reading		Field Meter 2-pt check	Field Me	
TEMPERATUI Calibration Crit	RE		Recor Monito	rded/Live	Fleid Mete				
TEMPERATUI Calibration Cri Ilquid-filled the	RE terla: ± 1 percent or ±	or thermisters	Recor Monito	rded/Live or Reading	Fleid Mete Reading		2-pt check	5-pt che	
TEMPERATUI Calibration Cri Ilquid-filled the	RE terla: ± 1 percent or ± rmometers; ± 0.2 °C fo	or thermisters	Reco Monito	rded/Live or Reading	Field Mete Reading		2-pt check	5-pt che	
TEMPERATUI Calibration Crit Ilquid-filled the	RE terla: ± 1 percent or ± rmometers; ± 0.2 °C for temp tep c Good	or thermisters	Reco Monito	rded/Live or Reading Aquation (	Field Mete Reading	T	2-pt check Date	5-pt che	
TEMPERATUI Calibration Crit Ilquid-filled the In room Comments:  SPECIFIC CO Calibration Crit	RE terla: ± 1 percent or ± rmometers; ± 0.2 °C for temp tep c Good	or thermisters	Reco Monito Fime	rded/Live or Reading Aquation (	Field Mote Reading June 1019 20:45	T	2-pt check Date	5-pt che Date	
TEMPERATUI Calibration Crit Ilquid-filled the In 10000 - Comments:  SPECIFIC CO Calibration Crit ± 3 percent for Standard	RE terla: ± 1 percent or ± rmometers; ± 0.2 °C for  RMP + CO C  NDUCTANCE terla: ± 5 percent for S SC >100 µS/cm	or thermisters  LOCAL V  SC ≤ 100 µS/c  Standard	Recon Monito Time	rded/Live or Reading Aquatro) ( 45	Field Mote Reading Time N 15 20,45  calibration Chec	k	2-pt check Date  Re Tin	5-pt che Date  Calibration  SC	Error
TEMPERATUI Calibration Crit liquid-filled the  In 10000 - Comments:  SPECIFIC CO Calibration Crit ± 3 percent for	RE terla: ± 1 percent or ± rmometers; ± 0.2 °C for  EMP + CP C  NDUCTANCE terla: ± 5 percent for S °SC > 100 µS/cm	or thermisters  Code  C	Reco Monito Time	rded/Live or Reading Aquatro) ( 45	Field Mote Reading June 10 15 20 : 45	k	2-pt check Date	5-pt che Date	ck
TEMPERATUI Calibration Crit Ilquid-filled the In 10000 - Comments:  SPECIFIC CO Calibration Crit ± 3 percent for Standard	RE terla: ± 1 percent or ± rmometers; ± 0.2 °C for  RMP + CO C  NDUCTANCE terla: ± 5 percent for S SC >100 µS/cm	or thermisters  LOCALEV  SC ≤ 100 µS/c  Standard Type	Recon Monito Time	rded/Live or Reading Aquator)	Field Mete Reading Time U \S 20.45	k	2-pt check Date  Re Tin  Standard Temp	5-pt che Date  Calibration  SC Reading	Error
TEMPERATU Calibration Crit Ilquid-filled the In 1000 2 Comments:  SPECIFIC CO Calibration Crit ± 3 percent for Standard Value	RE terla: ± 1 percent or ± rmometers; ± 0.2 °C for  LOCAL  NDUCTANCE terla: ± 5 percent for S °SC >100 µS/cm  Standard Lot No.	or thermisters  CC ≤ 100 µS/cc  Standard  Type  KCI; NaCI	Recon Monitor Time 20.	rded/Live or Reading Aquatro) ( 45	Field Mete Reading Dime 10 15 20 : 45 Fallbration Check Time	k Error	2-pt check Date  Re Tin  Standard Temp	5-pt che Date  Calibration  SC Reading	Error
TEMPERATU Calibration Crit liquid-filled the In 10000 - Comments:  SPECIFIC CO Calibration Crit ± 3 percent for Standard Value	RE terla: ± 1 percent or ± rmometers; ± 0.2 °C for  RMP + CO C  NDUCTANCE terla: ± 5 percent for S SC >100 µS/cm  Standard Lot No.	Standard Type KCI; NaCI	Recon Monitor Time 20.	n Standard Temp 'C' 23.4	Field Mete Reading Time N 15 20,45 calibration Chec Time SC Reading µS/cm	k Error %	2-pt check Date  Re Tin  Standard Temp	5-pt che Date  Calibration  SC Reading	Error
TEMPERATU Calibration Crit Ilquid-filled the In 1000 - Comments:  SPECIFIC CO Calibration Crit ± 3 percent for Standard Value  IO 1000 25,000	RE terla: ± 1 percent or ± rmometers; ± 0.2 °C for  RMP + CP  NDUCTANCE terla: ± 5 percent for S SC > 100 µS/cm  Standard Lot No.  1262626  120226	SC ≤ 100 µS/c Standard Type KCI; NaCI	Recommendation Monitor Time  20.  Expiration Date	n Standard Temp	Field Mete Reading Time N 15 20 : 45 calibration Chec Time SC Reading µS/cm	k Error %	2-pt check Date  Re Tin  Standard Temp	5-pt che Date  Calibration  SC Reading	Error
TEMPERATUI Calibration Critical In 10000 Comments:  SPECIFIC CO Calibration Critical 23 percent for Standard Value  IO 1000 SC 1000 Coll range =- Comments:	RE teria: ± 1 percent or ± rmometers; ± 0.2 °C for  RMP + CP  NDUCTANCE teria: ± 5 percent for S SC > 100 µS/cm  Standard Lot No.  1262626 120226 1201627  Reading in air =	Standard Type KGI; NaCI  CCI  CCI	Recommendation Monitor Time  20.  Expiration Date  2144  114	n Standard Temp 'C 23.4 22.9	Field Mete Reading Time N 15 20 : 45 calibration Chec Time SC Reading µS/cm	k Error %	2-pt check Date  Re Tin  Standard Temp 'C	5-pt che Date  Calibration  SC Reading	Error

### RECOVERY

# STORM SURGE SENSOR INSPECTION FORM

l	Quick Lookup #

(one form per housing) INS	PECTION FORM	Quick Lookup #
DATE: 9/9/13 STORM: 005	-Sandy INSPECTORS: RRB RAC	
SITE NAME:  (Site Name Format: SSS-SS-COU-###, where S	INFORMATION	s): 40.7257
	ENSOR INFORMATION	
Sensor Type (circle one): HOBO TROLL  Recovery Time (GMT): \(\begin{array}{c} \begin{array}{c} \begin{array}	Sensor Serial Number: 9800740  Tapedown or Tapeup from Housing Nut:  Housing Correction Factor:  Slippage distance: feet (nut to	feet feet (nut to orifice) o ref. mark)
REFERENCE POINT INFORMATION	SITE SKETCH (if needed	
Assumed WS elevation =  Add/Subtract Housing TD/TU = 2.75  Housing Correction Factor =	feet  RPI to WS 2  feet feet RPI to nut feet feet feet feet High-Water Marks (circle one): YES NO HWM description:	.5 ft. 2.75 ft 0.62 ft
Pictures Taken (circle all that apply): Sensor Up	ostream Downstream Other Camera Owner:	
	e): Yes No Reference BP Site Name:	
Departure Time: Called In at Time:	241114131	
Raw surge data filename:  (filename format: SSS-SS-COU-##  Proc'd surge data filename:	PDF graph filename: ##-final.csv) (filename format: SSS-SS-C	ŕ

### RECOVERY

### STORM SURGE SENSOR INSPECTION FORM

Ouick	Lookup#

(one form per housing)

(one form per nousing)	Quick Lookup #
DATE: 9/9/13 STORM: POST	- Sondy Inspectors: RRB RAC
SITE NAME:(Site Name Format: SSS-SS-COU-###, where .	INFORMATION  LATITUDE (DD to 6 places): 40 7323  SS = state, COU = county, ### = site number)
SITE DESCRIPTION: + 1 Breach	LONGITUDE (DD to 6 places): -72.8668
	SENSOR INFORMATION
Sensor Type (circle one): HOBO TROLL	Sensor Serial Number: 9800738
Recovery Time (GMT): 15:45	Tapedown or Tapeup from Housing Nut: feet
Sensor in Water (circle one): YES NO	Housing Correction Factor: feet (nut to orifice)
Slippage during deploy? (circle one): YES No	O Slippage distance: feet (nut to ref. mark)
REFERENCE POINT INFORMATION	SITE SKETCH (if needed)
RP # Assumed RP elev. = feet TD from RP = feet Weight length= feet Subtract total tapedown  Assumed WS elevation =  Add/Subtract Housing TD/TU =  Housing Correction Factor = Slipping Correction Factor = Sensor Orifice Elevation =  TD to channel bottom/beach =  Other notes:	feet feet feet feet feet feet feet feet
Raw surge data filename:(filename format: SSS-SS-COU-## Proc'd surge data filename:(filename format: SSS-SS-COU-##	Call-in Contact Initials:  N (To be completed by Data Processor)  Reference BP raw data filename:  ##.hobo) (filename format: SSS-SS-COU-###BP.hobo)  PDF graph filename:

#### STORM SURGE SENSOR RECOVERY **INSPECTION FORM** (one form per housing) Quick Lookup # DATE: 9 9 13 STORM: post - Savey INSPECTORS: RRR RAC SITE INFORMATION SITE NAME: \_ LATITUDE (DD to 6 places): 40.7259 (Site Name Format. SSS-SS-COU-###, where SS = state, COU = county, ### = site number) SITE DESCRIPTION: FI Preach West LONGITUDE (DD to 6 places): - 72.8968 SENSOR INFORMATION Sensor Type (circle one): HOBO TROLL ) Sensor Serial Number: 196363 Recovery Time (GMT): Tapedown or Tapeup from Housing Nut: feet Housing Correction Factor: Sensor in Water (circle one): (YES) NO feet (nut to orifice) Slippage during deploy? (circle one): YES NO Slippage distance: \_\_\_\_\_\_ feet (nut to ref. mark) REFERENCE POINT INFORMATION SITE SKETCH (if needed) RP # 2 Assumed RP elev. = 2, 85 TD from RP = feetRP2 to WS : 2.52 Ft Weight length= feet Subtract total tapedown feet RP2 to nVt. 2.85 ft Assumed WS elevation = \_\_ feet Add/Subtract Housing TD/TU = feet nut to orifice: 1.46 ft - 5.6 chamber Housing Correction Factor = \_\_\_\_\_\_\_\_\_ feet Slipping Correction Factor = feet Sensor Orifice Elevation = - 1 (c 2 feet TD to channel bottom/beach = feet High-Water Marks (circle one): YES NO Other notes: HWM description: RP 2 - top of las bolt I Entire housing is covered with young mussels ( could not remove Trall until mussels removed from buttom Pictures Taken (circle all that apply): Sensor Upstream Downstream Other Camera Owner:

PROCESSING INFORMATION (To be completed by Data Processor)

Barometric Pressure (BP) at same Site?(circle one): Yes No Reference BP Site Name:

Called In at Time:

Departure Time:

Raw surge data filename:

(filename format: SSS-SS-COU-###.hobo)

Proc'd surge data filename:

(filename format: SSS-SS-COU-###-final.csv)

(filename format: SSS-SS-COU-###-graph.pdf)

Copied to FTP location (circle one): YES NO Completion Date:

PDF graph filename:

(filename format: SSS-SS-COU-###-graph.pdf)

Processor Initials:

Call-in Contact Initials: